SUPPLEMENTARY INFORMATION

Immunological response to nitroglycerin-loaded shear-responsive liposomes *in vitro* and *in vivo*

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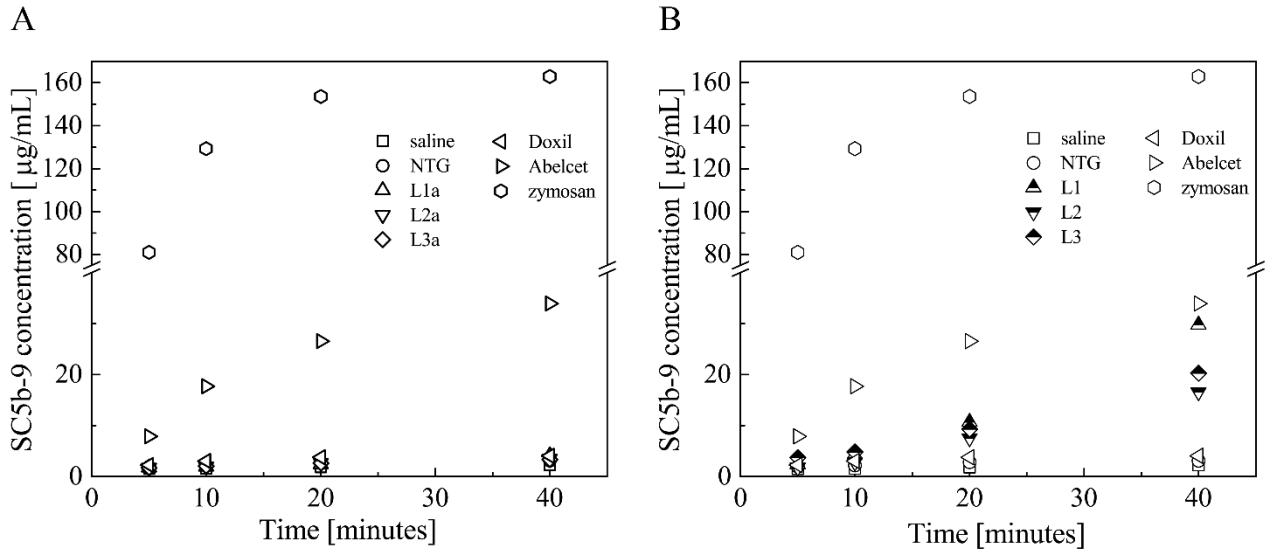

Fig. S1. Time point *in vitro* experiment. SC5b-9 concentration of six human sera incubated at a temperature of 37 °C with the positive, negative controls and liposomes at high lipid content (A) and at low lipid content (B). The data are shown as the mean value among the six donors. The reaction was terminated after 5, 10, 20, and 40 minutes. The data were sorted as A and B, in order to visualize clearly the SC5b-9 level of the Pad-PC-Pad-based liposomes at high and low lipid content.

Table S2

Temporal sequences of liposomal injections in the six pigs, from left to right. L1’ was administrated in three liposomal concentrations, while L2’ and L3’ in a single concentration. For each injection, the pulmonary arterial pressure, PAP, and systemic arterial pressure, SAP, and heart rate, HR, were recorded and displayed in Figures S3 to S8.

Pig ID	Injection							
	#1	#2	#3	#4	#5	#6	#7	#8
1	1/3 × L1’	L1’	3 × L1’	L2’	L3’	Perlinganit	zymosan	
2	saline	3 × L1’	L2’	L3’	Perlinganit	1/3 × L1’	zymosan	
3	saline	3 × L1’	L1’	L2’	L3’	Perlinganit	zymosan	
4	saline	L1’	3 × L1’	L2’	L3’	Perlinganit	zymosan	
5	saline	L1’	3 × L1’	L3’	Perlinganit	zymosan		
6	saline	3 × L1’	L1’	1/3 × L1’	L2’	L3’	Perlinganit	zymosan

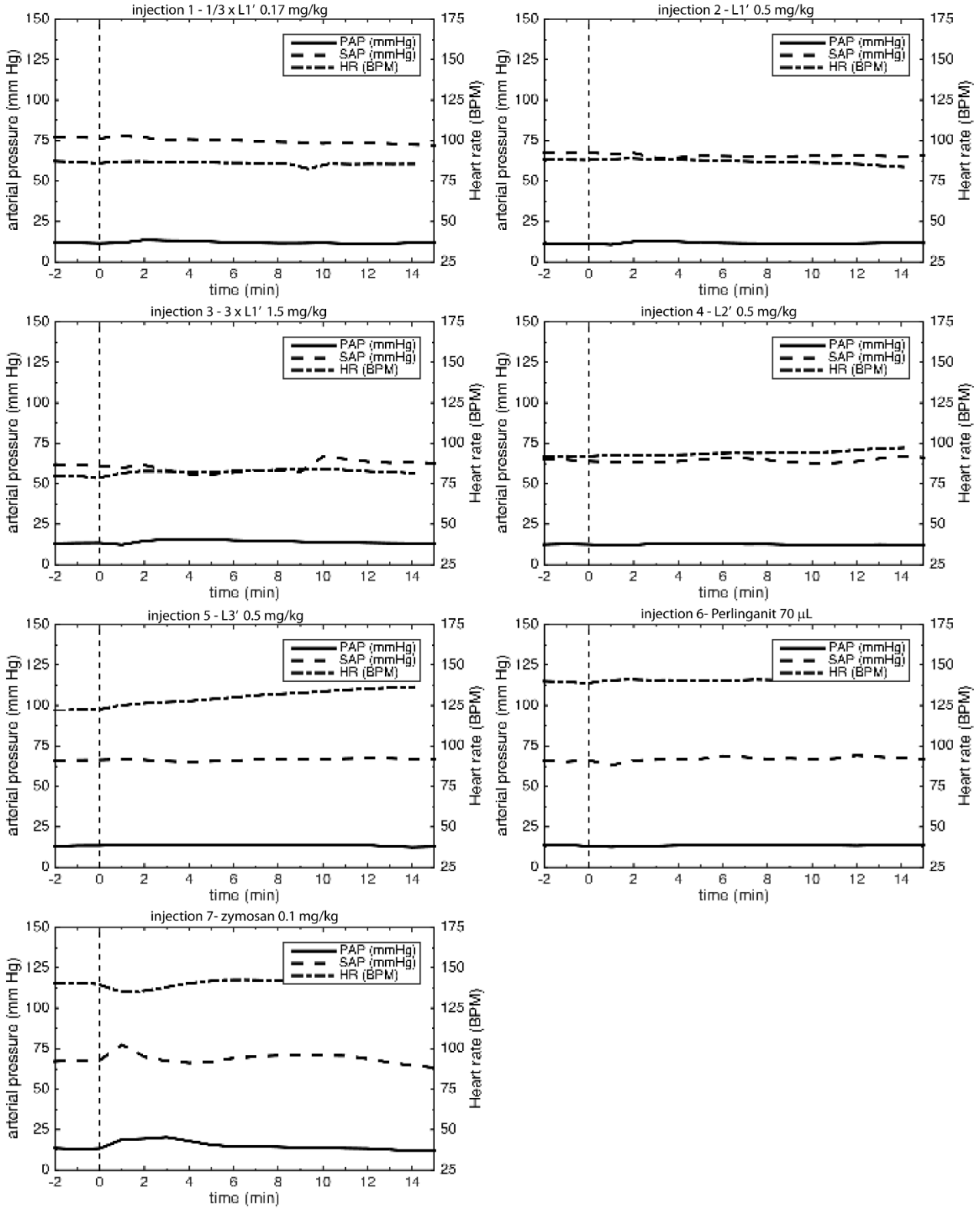

Fig. S3. Pig 1 (21 kg male)—Summary: Monitoring of PAP, SAP, and HR changes after injection; dashed line denotes injection time.

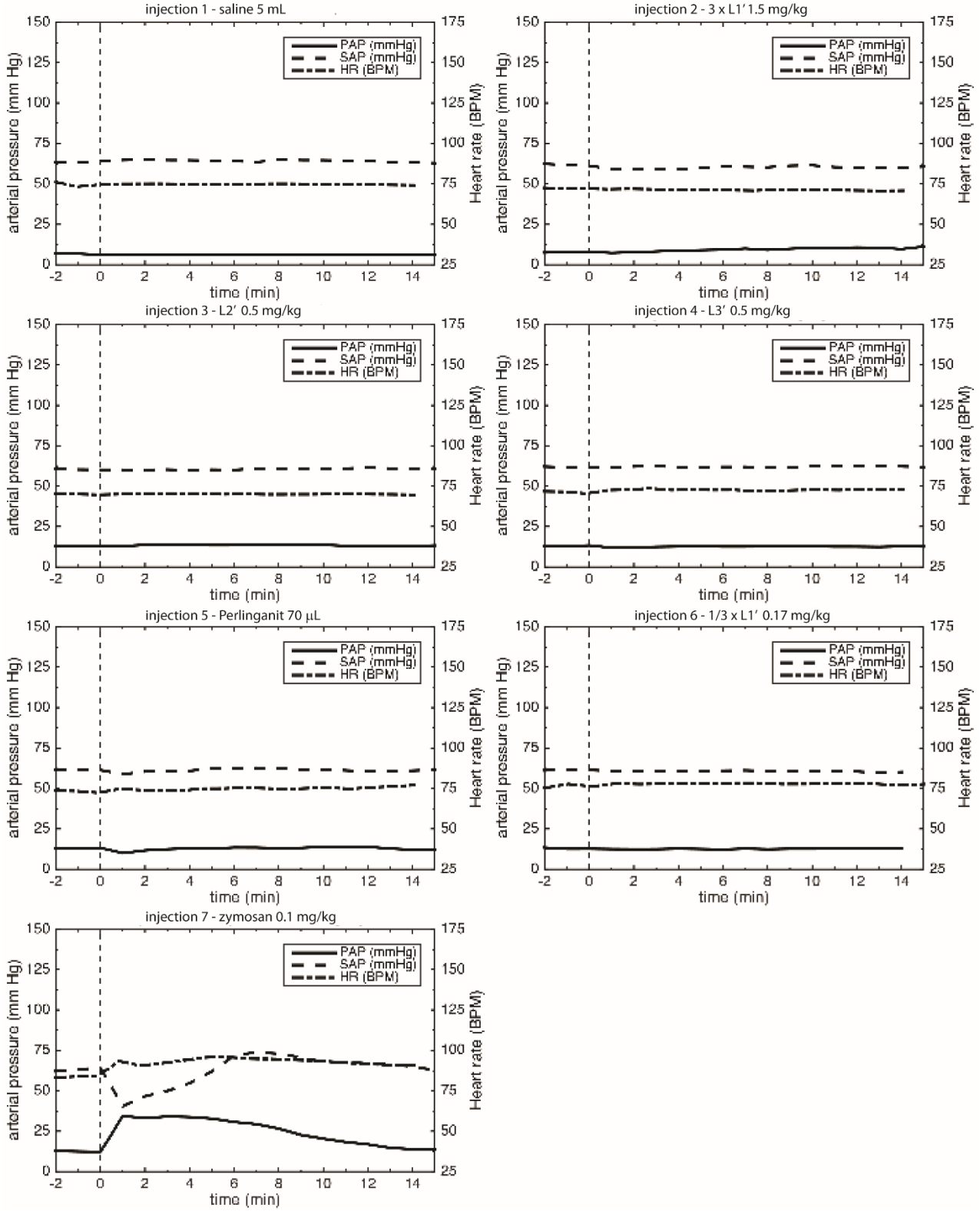

Fig. S4. Pig 2 (20 kg male)—Summary: Monitoring of PAP, SAP, and HR changes after injection; dashed line denotes injection time.

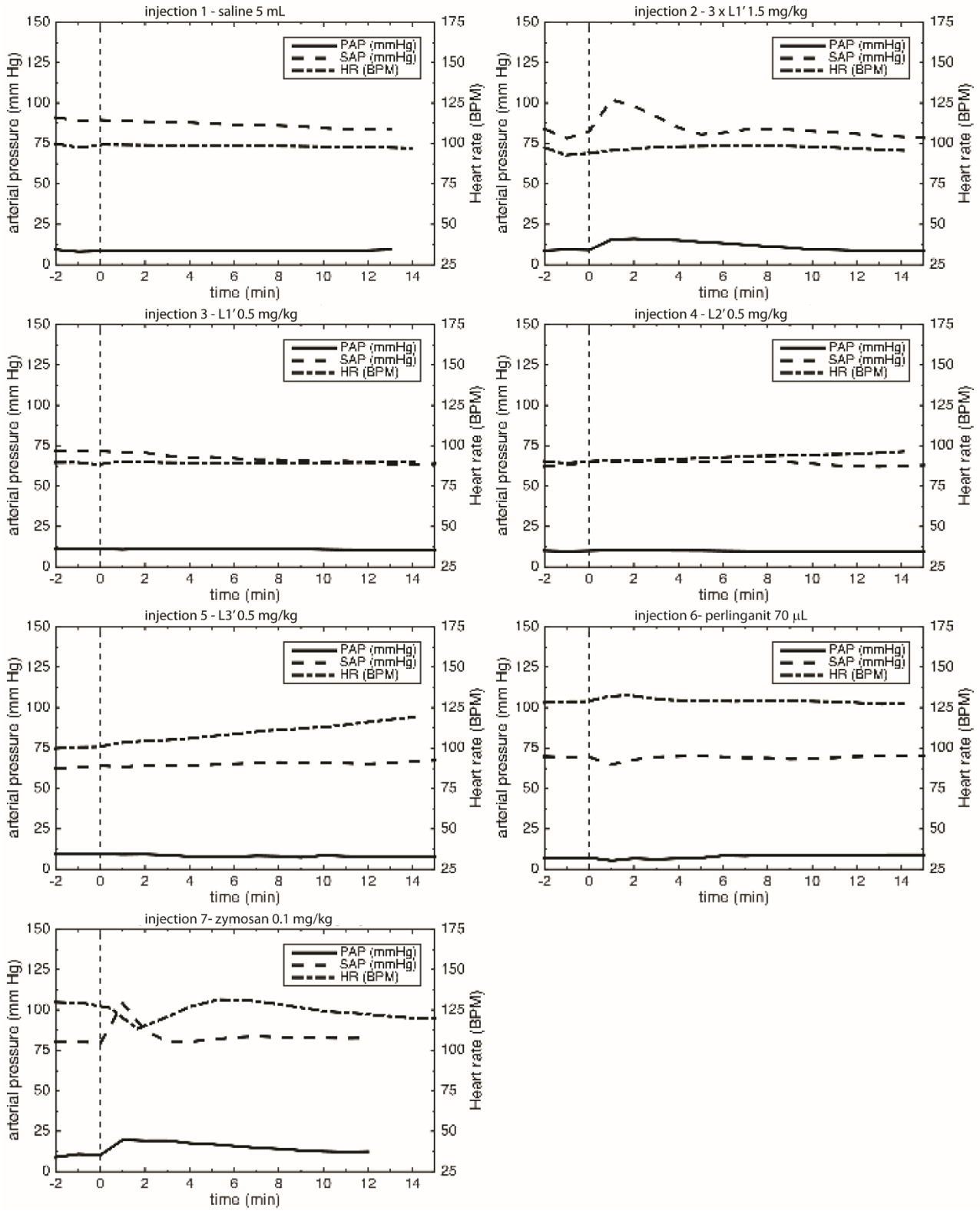

Fig. S5. Pig 3 (22 kg male)—Summary: Monitoring of PAP, SAP, and HR changes after injection; dashed line denotes injection time.

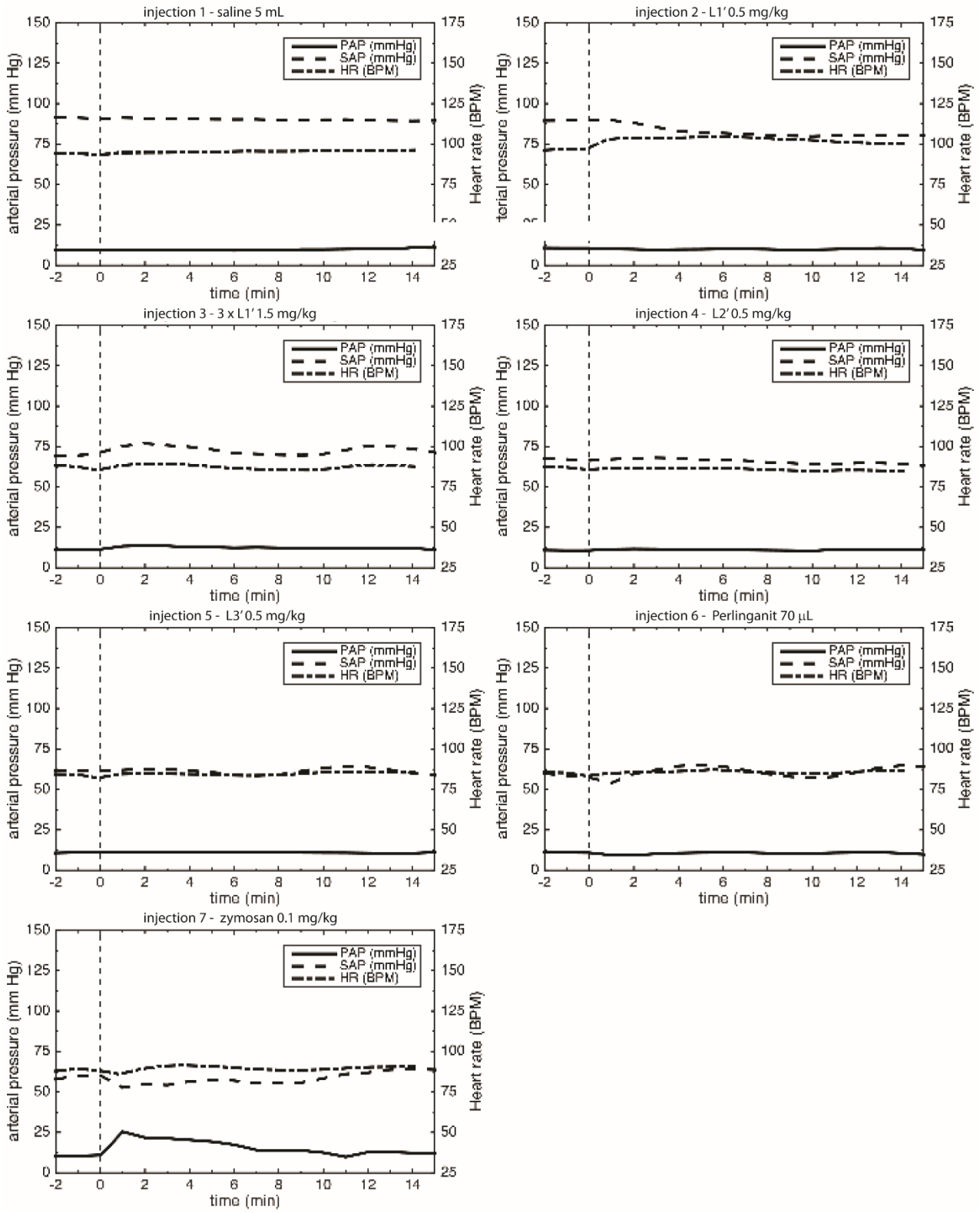

Fig. S6. Pig 4 (19 kg male)—Summary: Monitoring of PAP, SAP, and HR changes after injection; dashed line denotes injection time.

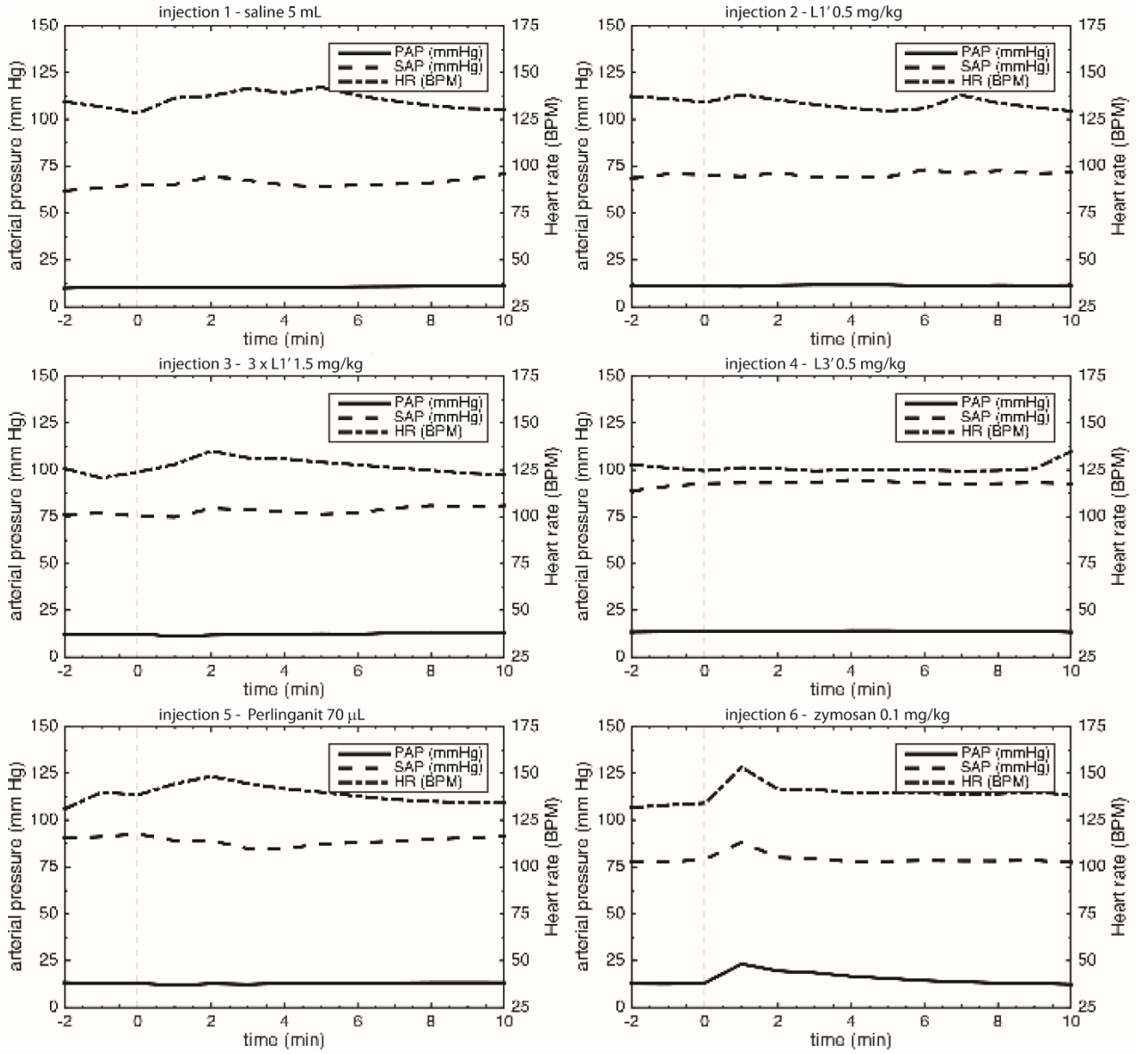

Fig. S7. Pig 5 (19 kg male)—Summary: Monitoring of PAP, SAP, and HR changes after injection; dashed line denotes injection time.

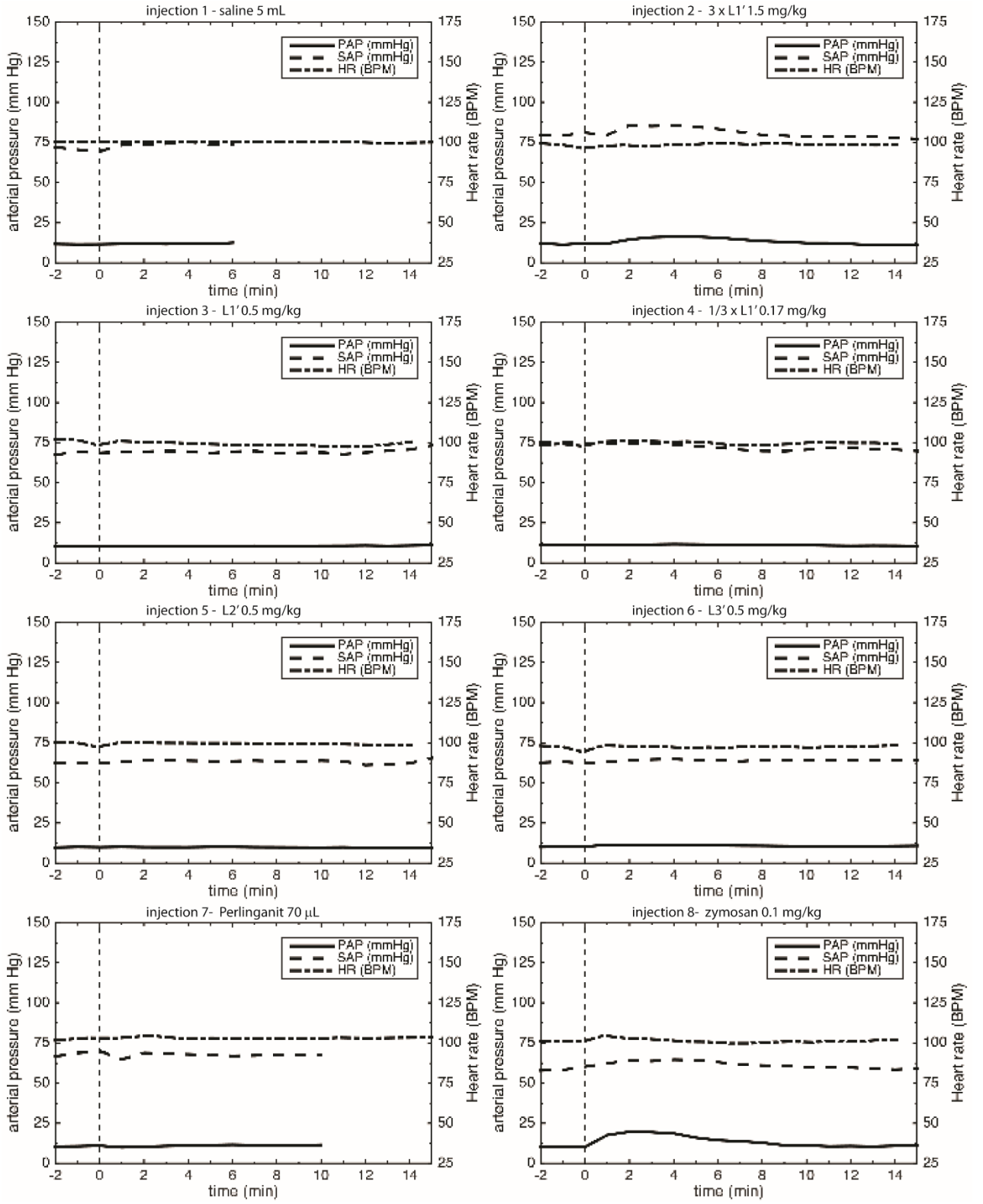

Fig. S8. Pig 6 (24 kg male)—Summary: Monitoring of PAP, SAP, and HR changes after injection; dashed line denotes injection time.